

Lab Assignment 7 – Research and Analysis of Current Cybersecurity News

Task 1: Research

Deliverable: No deliverable for this task.

Task 2: Answer the following questions based on your research:

1. What are the three sources you selected?

Provide the name of the publication or website and a brief description of each source (1-2 sentences).

The first one I'll talk about is <https://darknetdiaries.com/>. This one is a no brainer and is what got me interested in cybersecurity. This podcast is both educational and entertaining. It covers some of the biggest stories in cybersecurity with the people who were actually involved.

The second is <https://krebsonsecurity.com/> this site is a blog site where he does write-ups on some of the biggest stories that affect the cybersecurity as a whole. Things like hackers getting arrested, lawsuits in the industry, and malware news.

The third source <https://www.darkreading.com/> this site covers a lot of different topics from application security, cyber risks, IoT, and threat intelligence. This site caters to a wide array of people from people trying to break into cyber to the seasoned veteran who need to keep up with the latest trends.

2. Why did you choose these sources(list each and why)?

Explain what makes them reliable and authoritative in the field of cybersecurity.

Darknet Diaries: The host does an amazing job making cybersecurity both educational and entertaining. He goes super deep into the subject and he usually speaks with people who are directly involved giving the unique first person accounts of what it was like to be involved.

Krebs on security: This site has become a staple in the industry because of its unbiased articles and deep research you would expect from a career reporter. He does not have a technical background, but he had a bad experience when his home network got taken over by a Chinese hacking group, he decided to make sure that would never happen again. So, he's now been involved with cybersecurity for 20+ years.

Dark Reading: Is one of the most widely read cybersecurity news sites today. They use a network of industry experts including security researchers, CISO's, and technology specialists in order to cover 14 topical sections for all sectors of the industry. They aim to provide timely, accurate and informative content.

3. What types of cybersecurity topics or events are typically covered by these sources?

Highlight the types of news articles, reports, or resources provided by these sources (e.g., data breaches, vulnerabilities, policy changes, new technologies, or emerging threats)

Darknet Diaries: Provides firsthand accounts of some of the biggest stories from the "Darkside of the internet". Speaking to hackers, who are the reasons we have the cybersecurity industry we have today.

Krebs on security: Krebs covers a wide array of news from data breaches, lawsuits, happier stories involving cyber, government action that affects cyber, and lots of other topics. They follow a journalistic approach and try to keep everything factual and unbiased with no spin. This makes them one of the most reliable sources to get news from.

Dark Reading: Covers 14 sections in cyber news: Cybersecurity Analytics, Cyberattacks & Data Breaches, Application Security, Cloud Security, Endpoint Security, ICS/OT

Security, IoT, Cybersecurity Operations, Perimeter, Physical Security, Remote Workforce, Cyber Risk, Threat Intelligence, and Vulnerabilities & Threats.

4. Why is it important to stay up to date on cybersecurity news?

Discuss the value of keeping informed about current cybersecurity trends, risks, and events. What impact can this have on professionals, organizations, and the broader community

It's important to stay up to date with cybersecurity news because the cybersecurity industry is constantly changing. Every day there is a new vulnerability, a new tool, or a new technique that does something different from everything before it. In order to make your job easier and stay ahead of cyber threats, you need to be at the spear tip of the industry. You cannot stop learning in this field. You must continuously learn because the threats are doing the exact same thing. They are always learning, always changing their tactics, and once their tactics become known, they have to change them in order to continue committing crimes and causing damage.

Task 3: PRESENTATION PREP!

Please use any additional time during this lab to prep for your presentation. Ask questions of your instructor, build your presentation, or practice. The presentation is a large portion of your grade.

Deliverable:

1. Gather the deliverables listed for each task in Word and save it as a pdf.
2. Name the pdf CTI2318-Lab7-Firstname-lastname.pdf where first name is your first name and last name is your last name
3. Upload the pdf to FSO in the appropriate area for Lab 7

Grading Rubric:

- ✓ 40/40 All questions are answered
- ✓ 40/40 All responses demonstrated research was conducted with Critical Thinking
- ✓ 20/20 Proofreading, Formatting, Article/Textbook References Provided